

Morbidity and Mortality

Weekly
Report

PUBLIC HEALTH SERVICE

U. S. DEPARTMENT OF HEALTH, EDUCATION, AND WELFARE

Prepared by the NATIONAL OFFICE OF VITAL STATISTICS Executive 3-6300, Ext. 4744

For release February 13, 1959

Washington 25, D. C.

Vol. 8, No. 5

Provisional Information on Selected Notifiable Diseases in the United States and on Deaths in Selected Cities for Week Ended February 7, 1959

The number of reported cases of infectious and serum hepatitis for the current week is 608. This is the largest weekly figure reported since early 1956 and is about 76 percent above the number of cases reported for the comparable week of 1958. It is slightly larger than the median figure for the years 1954-58. The cumulative figure for the 5 weeks of 1959 is about 67 percent larger than the figure for last year and is somewhat larger than the 5-year median of cumulative cases.

EPIDEMIOLOGICAL REPORTS

Influenza

Additional information has been received about the 2 cases of influenza A reported from New York City last week. The two

girls had come by ship from Oslo via Rotterdam. There were more than 300 passengers and over 200 crew members. One hundred and fifty of the passengers were Americans, including about 75 students. Quarantine officers reported that there were no other cases of respiratory illness on the ship prior to landing in New York.

The WHO Weekly Epidemiological Record for the week ended February 6 states that in different parts of England and Wales a number of localized outbreaks of respiratory infection were reported at the end of January, but there has been no marked rise in notifications of deaths from pneumonia or influenza. A strain of A/Asian influenza virus has been isolated from the lung of a young adult with a haemorrhagic pneumonia; Staphylococcus aureus was also present. There have also been

Continued on page 2

Table 1. Cases of Specified Notifiable Diseases: Continental United States

(See page 8 for source and nature of data)

| DISEASE (Seventh Revision of International Lists, 1955) | 5th WEEK | | | CUMULATIVE NUMBER | | | | | | Approximate seasonal low point |
|--|---------------------------------|--------------------|----------------|-------------------|--------|----------------|-------------------------|---------|---------------------------|--------------------------------|
| | Ended Feb. 7, 1959 ¹ | Ended Feb. 8, 1958 | Median 1954-58 | First 5 weeks | | | Since seasonal low week | | | |
| | | | | 1959 ¹ | 1958 | Median 1954-58 | 1958-59 ¹ | 1957-58 | Median 1953-54 to 1957-58 | |
| Anthrax-----062 | - | - | - | - | - | 1 | (2) | (2) | (2) | (2) |
| Botulism-----049.1 | - | - | - | - | - | - | (2) | (2) | (2) | (2) |
| Brucellosis (undulant fever)-----044 | 15 | 18 | 18 | 59 | 69 | 79 | (2) | (2) | (2) | (2) |
| Diphtheria-----055 | 23 | 22 | 40 | 127 | 94 | 220 | 739 | 892 | 1,475 | July 1 |
| Encephalitis, infectious-----082 | 19 | 11 | 18 | 125 | 101 | 101 | 1,866 | 1,414 | 1,414 | June 1 |
| Hepatitis, infectious, and serum-----092, 998.5 pt. | 608 | 346 | 598 | 2,608 | 1,566 | 2,519 | 8,025 | 5,885 | 10,428 | Sept. 1 |
| Malaria-----110-117 | 2 | 1 | 3 | 10 | 3 | 16 | (2) | (2) | (2) | (2) |
| Measles-----085 | 10,480 | 14,146 | 13,529 | 46,057 | 51,695 | 51,695 | 97,446 | 90,135 | 90,135 | Sept. 1 |
| Meningococcal infections-----057 | 39 | 61 | 74 | 267 | 297 | 371 | 1,130 | 1,306 | 1,338 | Sept. 1 |
| Meningitis, other-----340 | ^a 60 | 36 | --- | 311 | 234 | --- | --- | --- | --- | --- |
| Polio-myelitis-----080 | 27 | 10 | 72 | 121 | 87 | 520 | 5,963 | 5,487 | 28,791 | Apr. 1 |
| Paralytic-----080.0, 080.1 | 19 | 9 | 31 | 85 | 50 | 268 | 3,104 | --- | --- | Apr. 1 |
| Nonparalytic-----080.2 | 3 | 1 | 19 | 18 | 31 | 129 | 1,973 | --- | --- | Apr. 1 |
| Unspecified-----080.3 | 5 | 1 | 15 | 8 | 6 | 92 | 886 | --- | --- | Apr. 1 |
| Psittacosis-----096.2 | - | 2 | 4 | 8 | 10 | 16 | (2) | (2) | (2) | (2) |
| Rabies in man-----094 | - | - | - | - | - | - | (2) | (2) | (2) | (2) |
| Typhoid fever-----040 | 11 | 20 | 26 | 61 | 80 | 118 | 960 | 1,110 | 1,571 | Apr. 1 |
| Typhus fever, endemic-----101 | - | - | 1 | 1 | 1 | 4 | 65 | 91 | 119 | Apr. 1 |
| Rabies in animals----- | 80 | 103 | 103 | 400 | 455 | 507 | 1,301 | 1,353 | 1,607 | Oct. 1 |

¹Data exclude reports from Colorado and Georgia for the current week.

²Data show no pronounced seasonal change in incidence.

³Includes 13 cases of aseptic meningitis; see footnotes to table 2.

EPIDEMIOLOGICAL REPORTS—Continued

a few scattered cases serologically positive for influenza A, with onset in late December.

In Italy several outbreaks of influenza have been reported from many regions. A strain B related to "Bonn" has been isolated in the south of the country.

In the Netherlands, influenza B, reported in December 1958 in the provinces of Utrecht and Limburg, disappeared from the mining district in the middle of January.

It has been reported from other sources that an epidemic of influenza A of moderate severity has been occurring in Russia.

The U. S. Public Health Service quarantine officer in London reports that a widespread outbreak of influenza is occurring in England. Cases to date have occurred mainly in school children, and there has been little illness in older persons. Sharp outbreaks have been observed in many communities. The infection generally is mild and there have been few deaths. Laboratory examinations have shown the presence of several types of influenza viruses and other respiratory viruses. Type B viruses have predominated, but some Asian strains of type A and some strains of type C also have been recovered.

Arthropod-borne encephalitis

Dr. M. Michael Sigel, University of Miami, Florida, reports that positive laboratory tests have been made for 3 cases of St. Louis encephalitis which occurred in October and November of 1958. The 3 persons were residents of 2 counties in southern Florida.

Amebiasis

The North Carolina weekly report of communicable diseases for the week ended January 24 gives the results of an investigation of a case of amebiasis. The infected individual, a 53-year-old Negro man, had experienced a 30-pound weight loss from November 1957 to July 1958. He was weak and complained of abdominal pain. Initially, there were 3 to 6 bloody, liquid stools per day; later the number increased to 8 or 10 per day. Following extensive studies *Entamoeba histolytica* trophozoites were demonstrated in stool specimens. The man improved rapidly following treatment and gained 10 pounds within 2 weeks after treatment was begun. Other members of the family are being studied to determine if any harbor the organisms.

Tetanus

The Illinois weekly report of communicable diseases for the week ended January 23 states that there were 8 cases of tetanus, resulting in 4 deaths, in 1958. One of the nonfatal cases was in a 2½-year-old white boy who had received tetanus immunization at the age of 1 year. He was given a booster immunization on October 5, 1958. On October 18 he cut his hand on an axe. A physician dressed the wound, but because of the recent stimulating dose of tetanus toxoid, did not administer antitoxin. On October 27, the child became ill with vomiting and "jerking." He was unable to open his mouth or to talk. He was immediately hospitalized and given tetanus antitoxin. Nine days later he was completely recovered.

In 2 of the fatal cases one man received face lacerations in a truck accident and another injured his hand in a cornpicker. Both were hospitalized and given tetanus antitoxin. Both later developed stiffness of the jaws and other symptoms of tetanus. One died about a month after his truck accident and the other several days after injuring his hand.

Animal rabies

Dr. Keith T. Maddy, Arizona State Department of Health, reports there were 27 laboratory confirmed cases of animal rabies recorded in Arizona during 1958. The infected animals were 7 dogs, 7 foxes, 6 cats, 2 bobcats, 2 chipmunks, a gopher, a rabbit, and a raccoon. These animals were in 6 counties in the southeastern part of the State. It was reported there was a large outbreak of rabies in foxes in Gila County during the year. However, the population of foxes has been reduced by poisoning and the epidemic appears to have ended.

Coccidioidomycosis

Dr. Maddy also supplied a summary of coccidioidomycosis in Arizona for 1958. A total of 780 human cases, including 7 deaths, were reported. Except for December when 113 cases were reported, the number each month varied between 35 and 87 cases. Almost all of the cases resulted from primary infections. It was estimated that more than 5,000 cases actually came to the attention of physicians.

The total number of cases in dogs was reported to be 240. Most of these were disseminated infections. The estimated dog population of the State is about 156,000. Of some 132,000 cattle slaughtered under State and Federal inspection, 2,260 were found to have coccidioidal lesions.

Staphylococcal food poisoning

Dr. N. H. Dyer, West Virginia Director of Health, has supplied information about an outbreak of food poisoning in members of a family who had eaten in a restaurant. Five persons ranging in age from 2 to 46 years became ill with nausea and vomiting from 15 minutes to 6 hours after eating weiners and slaw. Ten other persons who had eaten the same meal also were interviewed; they had not become ill. Coagulate-negative staphylococcal organisms were found in the weiners. Investigation of the eating establishment revealed that no fault could be found with the manner in which the food was prepared, stored, or served, or with the sanitary conditions of the establishment. The employees gave no recent history of illness or of cuts or boils. The food was prepared in small quantities and the weiners were said to be brought to the establishment on the day of serving. They were in unopened packages. There was no evidence of chemical poisoning. The illnesses could not be attributed to the water or milk supply. It was thought that several weiners may have become contaminated at the source of supply or that actually those served to the family might have been old weiners, not from a new package.

QUARANTINE MEASURES

Immunization Information for International Travel

No changes reported.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 8, 1958, AND FEBRUARY 7, 1959

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

| AREA | BRUCELLOSIS (undulant fever) | | DIPHTHERIA 055 | | | | ENCEPHALITIS, INFECTIOUS | | HEPATITIS, INFECTIOUS, AND SERUM 092,N998.5 pt. | | | |
|--|---------------------------------|------|----------------|------|-----------------------------|------|-----------------------------|------|--|------|-----------------------------|-------|
| | 044 | | 5th week | | Cumulative first 5 weeks | | 082 | | 5th week | | Cumulative first 5 weeks | |
| | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 |
| CONT. UNITED STATES ¹ ----- | 15 | 18 | 23 | 22 | 127 | 94 | 19 | 11 | 608 | 346 | 2,608 | 1,566 |
| NEW ENGLAND----- | - | - | - | - | 1 | 2 | 1 | - | 22 | 13 | 90 | 51 |
| Maine----- | - | - | - | - | - | - | - | - | 3 | 1 | 20 | 7 |
| New Hampshire----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont----- | - | - | - | - | - | - | - | - | 2 | - | 8 | - |
| Massachusetts----- | - | - | - | - | 1 | 2 | 1 | - | 9 | 5 | 34 | 26 |
| Rhode Island----- | - | - | - | - | - | - | - | - | 4 | 5 | 10 | 11 |
| Connecticut----- | - | - | - | - | - | - | - | - | 4 | 2 | 18 | 7 |
| MIDDLE ATLANTIC----- | - | - | - | 3 | 3 | 9 | 3 | 1 | 76 | 36 | 364 | 187 |
| New York----- | - | - | - | 1 | 2 | 6 | 3 | 1 | 48 | 18 | 198 | 100 |
| New Jersey----- | - | - | - | - | - | - | - | - | 3 | 5 | 55 | 27 |
| Pennsylvania----- | - | - | - | 2 | 1 | 3 | - | - | 25 | 13 | 111 | 60 |
| EAST NORTH CENTRAL----- | - | 5 | - | 1 | 9 | 4 | 5 | 2 | 99 | 70 | 391 | 281 |
| Ohio----- | - | 1 | - | - | 2 | 2 | 1 | - | 36 | 25 | 148 | 75 |
| Indiana----- | - | - | - | - | - | - | - | - | 5 | 5 | 37 | 41 |
| Illinois----- | - | 2 | - | - | 6 | - | - | 1 | 24 | 23 | 66 | 64 |
| Michigan----- | - | 1 | - | 1 | - | 2 | 4 | - | 31 | 14 | 122 | 89 |
| Wisconsin----- | - | 1 | - | - | 1 | - | - | 1 | 3 | 3 | 18 | 12 |
| WEST NORTH CENTRAL----- | 13 | 9 | 1 | 1 | 2 | 5 | - | 2 | 48 | 20 | 259 | 81 |
| Minnesota----- | 2 | 1 | 1 | - | 1 | - | - | - | 9 | - | 49 | 11 |
| Iowa----- | 2 | 4 | - | - | 1 | 2 | - | - | 2 | 3 | 25 | 15 |
| Missouri----- | 1 | - | - | - | - | - | - | - | 5 | 7 | 60 | 21 |
| North Dakota----- | - | - | - | - | - | 1 | - | - | 12 | 3 | 63 | 17 |
| South Dakota----- | 1 | - | - | - | - | - | - | 1 | - | - | 2 | - |
| Nebraska----- | - | 4 | - | 1 | - | 2 | - | - | 5 | - | 18 | 4 |
| Kansas----- | 7 | - | - | - | - | - | - | 1 | 15 | 7 | 42 | 13 |
| SOUTH ATLANTIC ¹ ----- | - | 1 | 4 | 9 | 25 | 34 | 1 | 1 | 82 | 23 | 282 | 125 |
| Delaware----- | - | - | - | - | - | - | - | - | 4 | - | 16 | 3 |
| Maryland----- | - | - | - | - | - | 1 | - | - | 19 | 3 | 95 | 16 |
| District of Columbia----- | - | - | - | - | - | - | - | - | 1 | - | 5 | 1 |
| Virginia----- | - | 1 | 1 | - | 3 | 5 | 1 | 1 | 18 | 6 | 42 | 33 |
| West Virginia----- | - | - | - | - | - | 1 | - | - | 30 | 4 | 74 | 13 |
| North Carolina----- | - | - | 1 | 1 | 5 | 7 | - | - | 3 | 1 | 28 | 12 |
| South Carolina----- | - | - | 1 | 5 | 4 | 7 | - | - | 1 | 2 | 6 | 5 |
| Georgia----- | - | - | - | - | 17 | 9 | - | - | 4 | 4 | 14 | 16 |
| Florida----- | - | - | 1 | 3 | 6 | 4 | - | - | 6 | 3 | 12 | 26 |
| EAST SOUTH CENTRAL----- | - | - | 4 | 1 | 26 | 9 | 2 | - | 50 | 34 | 208 | 162 |
| Kentucky----- | - | - | - | 1 | 1 | 1 | - | - | 28 | 13 | 123 | 89 |
| Tennessee----- | - | - | 1 | 3 | 2 | - | - | - | 5 | 14 | 30 | 44 |
| Alabama----- | - | - | - | 6 | 5 | 1 | - | - | 14 | 7 | 39 | 24 |
| Mississippi----- | - | - | 4 | - | 16 | 1 | 1 | - | 3 | - | 16 | 5 |
| WEST SOUTH CENTRAL----- | - | 2 | 12 | 4 | 52 | 19 | 2 | - | 42 | 18 | 140 | 109 |
| Arkansas----- | - | - | - | - | 16 | 2 | - | - | 1 | 2 | 13 | 9 |
| Louisiana----- | - | 1 | 10 | - | 21 | - | - | - | 7 | 2 | 9 | 3 |
| Oklahoma----- | - | - | 3 | - | - | 6 | - | - | 11 | 4 | 21 | 20 |
| Texas----- | - | 1 | 2 | 1 | 15 | 11 | 2 | - | 23 | 10 | 97 | 77 |
| MOUNTAIN ¹ ----- | 1 | - | 2 | 3 | 7 | 10 | - | - | 76 | 62 | 414 | 264 |
| Montana----- | - | - | - | 1 | - | 3 | - | - | 11 | 10 | 40 | 42 |
| Idaho----- | 1 | - | - | - | - | - | - | - | 9 | 7 | 67 | 27 |
| Wyoming----- | - | - | - | - | - | 2 | - | - | 1 | - | 29 | 1 |
| Colorado----- | - | - | 2 | - | 12 | 5 | - | - | - | - | 198 | 16 |
| New Mexico----- | - | - | 1 | - | 4 | - | - | - | 41 | 12 | 95 | 48 |
| Arizona----- | - | - | - | - | - | - | - | - | 11 | 29 | 65 | 90 |
| Utah----- | - | - | - | - | - | - | - | - | 3 | 3 | 19 | 25 |
| Nevada----- | - | - | 1 | - | 1 | - | - | - | - | 1 | 1 | 15 |
| PACIFIC----- | 1 | 1 | - | - | 2 | 2 | 5 | 5 | 113 | 70 | 460 | 306 |
| Alaska----- | - | - | - | - | - | - | - | - | - | (8) | 3 | (19) |
| Washington----- | - | 1 | - | - | - | - | - | - | 20 | 13 | 75 | 56 |
| Oregon----- | - | - | - | - | 1 | 1 | - | - | 22 | 5 | 92 | 34 |
| California----- | 1 | - | - | - | 1 | 1 | 5 | 5 | 71 | 52 | 290 | 216 |
| Hawaii----- | - | - | - | - | - | - | - | - | 4 | 2 | 10 | 8 |
| Puerto Rico----- | - | - | - | 3 | 4 | 5 | - | - | 1 | 1 | 12 | 24 |

¹Data exclude reports from Georgia and Colorado for the current week.

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Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 8, 1958, AND FEBRUARY 7, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

| AREA | POLIOMYELITIS 080 | | | | | | | | | | MEASLES | |
|--|--------------------|------|--------------------------|------|-----------------------|------|--------------------------|------|--------------|------|---------|--------|
| | Total ² | | | | Paralytic 080.0,080.1 | | | | Nonparalytic | | 085 | |
| | 5th week | | Cumulative first 5 weeks | | 5th week | | Cumulative first 5 weeks | | 080.2 | | 085 | |
| | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 | 1959 | 1958 |
| CONT. UNITED STATES ¹ ----- | 27 | 10 | 121 | 87 | 19 | 9 | 85 | 50 | 3 | 1 | 10,480 | 14,146 |
| NEW ENGLAND----- | - | - | 2 | 2 | - | - | 2 | 2 | - | - | 1,028 | 2,102 |
| Maine----- | - | - | - | 2 | - | - | - | 2 | - | - | 59 | 91 |
| New Hampshire----- | - | - | - | - | - | - | - | - | - | - | 30 | 353 |
| Vermont----- | - | - | 1 | - | - | - | 1 | - | - | - | 53 | 39 |
| Massachusetts----- | - | - | 1 | - | - | - | 1 | - | - | - | 140 | 1,146 |
| Rhode Island----- | - | - | - | - | - | - | - | - | - | - | 2 | 264 |
| Connecticut----- | - | - | - | - | - | - | - | - | - | - | 744 | 209 |
| MIDDLE ATLANTIC----- | 3 | - | 15 | 5 | - | - | 2 | 3 | - | - | 2,584 | 2,028 |
| New York----- | 1 | - | 6 | 5 | - | - | - | 3 | - | - | 363 | 1,472 |
| New Jersey----- | 2 | - | 2 | - | - | - | - | - | - | - | 1,064 | 276 |
| Pennsylvania----- | - | - | 7 | - | - | - | 2 | - | - | - | 1,157 | 280 |
| EAST NORTH CENTRAL----- | 4 | 1 | 8 | 9 | 4 | - | 7 | 6 | - | 1 | 1,376 | 3,074 |
| Ohio----- | 1 | - | 2 | 1 | 1 | - | 1 | - | - | - | 294 | 409 |
| Indiana----- | - | - | - | 1 | - | - | - | 1 | - | - | 174 | 334 |
| Illinois----- | - | - | - | 1 | - | - | - | 1 | - | - | 208 | 355 |
| Michigan----- | 3 | 1 | 6 | 4 | 3 | - | 6 | 2 | - | 1 | 409 | 359 |
| Wisconsin----- | - | - | - | 2 | - | - | - | 2 | - | - | 291 | 1,617 |
| WEST NORTH CENTRAL----- | - | - | 13 | 2 | - | - | 9 | 2 | - | - | 1,133 | 271 |
| Minnesota----- | - | - | - | - | - | - | - | - | - | - | 34 | 42 |
| Iowa----- | - | - | - | 1 | - | - | - | 1 | - | - | 772 | 81 |
| Missouri----- | - | - | 10 | - | - | - | 8 | - | - | - | 132 | 74 |
| North Dakota----- | - | - | - | - | - | - | - | - | - | - | 152 | 64 |
| South Dakota----- | - | - | 1 | 1 | - | - | - | 1 | - | - | 8 | 4 |
| Nebraska----- | - | - | 1 | - | - | - | - | 1 | - | - | 35 | 6 |
| Kansas----- | - | - | 1 | - | - | - | - | - | - | - | (*) | (*) |
| SOUTH ATLANTIC ¹ ----- | 4 | 1 | 23 | 20 | 2 | 1 | 15 | 6 | - | - | 795 | 1,311 |
| Delaware----- | - | - | - | - | - | - | - | - | - | - | 20 | 21 |
| Maryland----- | - | - | - | - | - | - | - | - | - | - | 57 | 301 |
| District of Columbia----- | - | - | - | - | - | - | - | - | - | - | 4 | 62 |
| Virginia----- | - | - | 2 | 1 | - | - | 2 | 1 | - | - | 278 | 187 |
| West Virginia----- | - | 1 | 3 | 1 | - | 1 | 3 | 1 | - | - | 198 | 416 |
| North Carolina----- | - | - | 1 | 7 | - | - | 1 | 2 | - | - | 126 | 92 |
| South Carolina----- | 2 | - | 2 | 1 | 1 | - | 1 | - | - | - | 44 | 128 |
| Georgia----- | - | - | 11 | - | - | - | 11 | - | - | - | - | 83 |
| Florida----- | 2 | - | 14 | 10 | 1 | - | 7 | 2 | - | - | 68 | 21 |
| EAST SOUTH CENTRAL----- | 5 | 2 | 13 | 11 | 4 | 2 | 10 | 6 | 1 | - | 573 | 1,541 |
| Kentucky----- | 1 | - | 3 | 7 | - | - | 2 | 4 | 1 | - | 155 | 603 |
| Tennessee----- | 2 | - | 2 | 1 | 2 | - | 2 | - | - | - | 299 | 819 |
| Alabama----- | 1 | 2 | 2 | 2 | 1 | 2 | 1 | 2 | - | - | 106 | 76 |
| Mississippi----- | 1 | - | 6 | 1 | 1 | - | 5 | - | - | - | 13 | 43 |
| WEST SOUTH CENTRAL----- | 5 | 2 | 25 | 14 | 4 | 2 | 21 | 12 | 1 | - | 805 | 1,626 |
| Arkansas----- | 1 | - | 8 | 1 | 1 | - | 8 | 1 | - | - | 11 | 50 |
| Louisiana----- | 1 | 1 | 1 | 5 | 1 | 1 | 1 | 4 | - | - | - | 8 |
| Oklahoma----- | - | - | 2 | - | - | - | 2 | - | - | - | 14 | 63 |
| Texas----- | 3 | 1 | 14 | 8 | 2 | 1 | 10 | 7 | 1 | - | 780 | 1,505 |
| MOUNTAIN ¹ ----- | - | 1 | 4 | 5 | - | 1 | 3 | 2 | - | - | 634 | 894 |
| Montana----- | - | - | - | - | - | - | - | - | - | - | 277 | 142 |
| Idaho----- | - | - | - | - | - | - | - | - | - | - | 23 | 256 |
| Wyoming----- | - | - | - | 1 | - | - | - | 1 | - | - | 15 | 20 |
| Colorado----- | - | - | 1 | - | - | - | 1 | - | - | - | - | 99 |
| New Mexico----- | - | 1 | 2 | 2 | - | 1 | 1 | 1 | - | - | 33 | 159 |
| Arizona----- | - | - | 2 | 1 | - | - | 2 | - | - | - | 185 | 115 |
| Utah----- | - | - | - | 1 | - | - | - | - | - | - | 101 | 101 |
| Nevada----- | - | - | - | - | - | - | - | - | - | - | - | 2 |
| PACIFIC----- | 6 | 3 | 18 | 19 | 5 | 3 | 16 | 11 | 1 | - | 1,552 | 1,299 |
| Alaska----- | - | - | - | - | - | - | - | - | - | - | 62 | (6) |
| Washington----- | - | - | - | - | - | - | - | - | - | - | 393 | 297 |
| Oregon----- | - | - | 1 | 1 | - | - | 1 | - | - | - | 277 | 339 |
| California----- | 6 | 3 | 17 | 18 | 5 | 3 | 15 | 11 | 1 | - | 820 | 663 |
| Hawaii----- | - | - | 3 | 1 | - | - | 3 | 1 | - | - | 24 | - |
| Puerto Rico----- | - | 4 | 1 | 11 | - | 4 | 1 | 9 | - | - | 65 | 81 |

¹Data exclude reports from Georgia and Colorado for the current week.²Includes cases not specified by type, category number 080.3.

Morbidity and Mortality Weekly Report

Table 2. CASES OF SPECIFIED NOTIFIABLE DISEASES: UNITED STATES, EACH DIVISION AND STATE, HAWAII, AND PUERTO RICO, FOR WEEKS ENDED FEBRUARY 8, 1958, AND FEBRUARY 7, 1959—Continued

(By place of occurrence. Numbers under diseases are category numbers of the Seventh Revision of the International Lists, 1955)

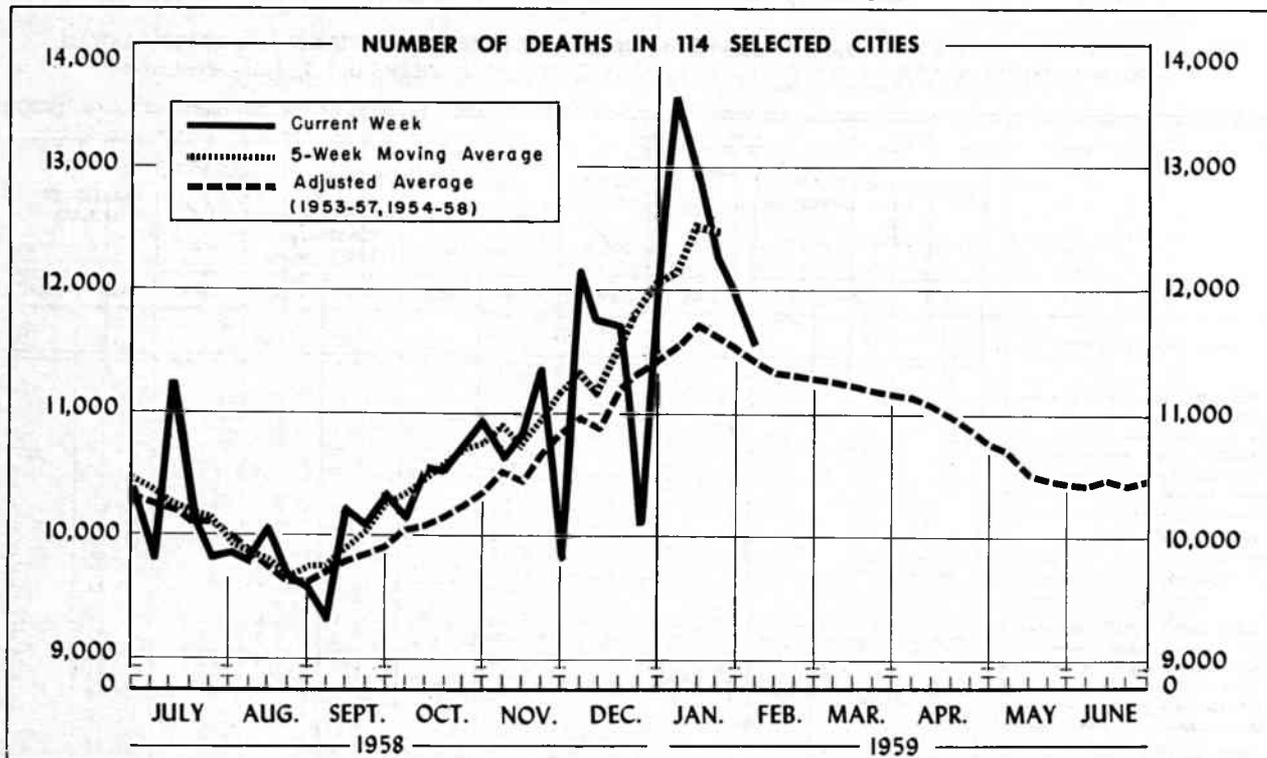
| AREA | MALARIA | MENINGOCOCCAL INFECTIONS | | MENINGITIS, OTHER | PSITTA-COSIS | TYPHOID FEVER 040 | | | | TYPHUS-FEVER, ENDEMIC | RABIES IN ANIMALS | |
|--|---------|--------------------------|------|-------------------|--------------|-------------------|------|--------------------------|------|-----------------------|-------------------|------|
| | 110-117 | 057 | | 340 | 096.2 | 5th week | | Cumulative first 5 weeks | | 101 | | |
| | 1959 | 1959 | 1958 | 1959 | 1959 | 1959 | 1958 | 1959 | 1958 | 1959 | 1959 | 1958 |
| CONT. UNITED STATES ¹ ----- | 2 | 39 | 61 | 60 | - | 11 | 20 | 61 | 80 | - | 80 | 103 |
| NEW ENGLAND----- | - | 2 | 4 | 3 | - | - | - | - | 1 | - | - | - |
| Maine----- | - | 1 | - | 1 | - | - | - | - | - | - | - | - |
| New Hampshire----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Vermont----- | - | - | 3 | 2 | - | - | - | - | 1 | - | - | - |
| Massachusetts----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Rhode Island----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Connecticut----- | - | 1 | 1 | - | - | - | - | - | - | - | - | - |
| MIDDLE ATLANTIC----- | - | 10 | 4 | - | - | 1 | 4 | 8 | 10 | - | 12 | 6 |
| New York----- | - | - | 3 | - | - | 1 | - | 4 | 1 | - | 1 | 5 |
| New Jersey----- | - | 2 | 1 | - | - | - | 3 | 1 | 4 | - | - | - |
| Pennsylvania----- | - | 8 | - | - | - | - | 1 | 3 | 5 | - | 11 | 1 |
| EAST NORTH CENTRAL----- | - | 6 | 8 | 12 | - | 1 | 2 | 4 | 10 | - | 9 | 13 |
| Ohio----- | - | 2 | - | - | - | - | 1 | 3 | 1 | - | - | 6 |
| Indiana----- | - | 1 | 1 | 4 | - | 1 | - | 1 | 4 | - | 3 | 3 |
| Illinois----- | - | 1 | 4 | 5 | - | - | - | - | - | - | 1 | 1 |
| Michigan----- | - | 1 | 1 | 3 | - | - | - | - | 2 | - | 3 | - |
| Wisconsin----- | - | 1 | 2 | - | - | 1 | - | - | 3 | - | 2 | 3 |
| WEST NORTH CENTRAL----- | - | 2 | 2 | - | - | 1 | - | 4 | 12 | - | 23 | 19 |
| Minnesota----- | - | - | - | - | - | - | - | - | 1 | - | 4 | 8 |
| Iowa----- | - | - | - | - | - | - | - | - | 4 | - | 5 | 9 |
| Missouri----- | - | 1 | 1 | - | - | 1 | - | 2 | 5 | - | 4 | - |
| North Dakota----- | - | - | - | - | - | - | - | 1 | - | - | 1 | 1 |
| South Dakota----- | - | - | 1 | - | - | - | - | - | - | - | 8 | - |
| Nebraska----- | - | - | - | - | - | - | - | - | 1 | - | - | 1 |
| Kansas----- | - | 1 | - | - | - | - | - | 1 | 1 | - | 1 | - |
| SOUTH ATLANTIC ¹ ----- | - | 10 | 15 | 14 | - | 3 | 4 | 14 | 15 | - | 7 | 26 |
| Delaware----- | - | 1 | - | - | - | - | - | - | - | - | - | - |
| Maryland----- | - | 2 | - | 1 | - | - | - | - | 1 | - | - | - |
| District of Columbia----- | - | 1 | 1 | 4 | - | - | - | - | - | - | - | - |
| Virginia----- | - | 3 | 3 | 5 | - | - | - | 1 | - | - | - | 14 |
| West Virginia----- | - | - | 3 | - | - | - | - | 1 | 1 | - | 2 | 2 |
| North Carolina----- | - | 2 | 2 | - | - | 1 | 1 | 4 | 9 | - | - | - |
| South Carolina----- | - | 1 | 1 | 2 | - | - | - | 1 | 1 | - | 3 | 2 |
| Georgia----- | - | - | - | - | - | - | - | 1 | - | - | - | 8 |
| Florida----- | - | - | 5 | 3 ² | - | 2 | 3 | 6 | 3 | - | 2 | - |
| EAST SOUTH CENTRAL----- | - | 4 | 9 | 6 | - | 1 | 1 | 6 | 6 | - | 13 | 18 |
| Kentucky----- | - | - | 1 | 3 | - | - | - | 1 | 1 | - | 3 | 13 |
| Tennessee----- | - | - | 2 | 2 | - | 1 | - | 2 | 2 | - | 1 | 2 |
| Alabama----- | - | 1 | 4 | - | - | - | 1 | 2 | 2 | - | 9 | 3 |
| Mississippi----- | - | 3 | 2 | 1 | - | - | - | 1 | 1 | - | - | - |
| WEST SOUTH CENTRAL----- | - | 4 | 9 | 7 | - | 1 | 2 | 11 | 14 | - | 16 | 19 |
| Arkansas----- | - | 1 | - | - | - | - | - | 2 | - | - | 8 | 5 |
| Louisiana----- | - | 1 | 4 | - | - | - | 1 | 3 | 7 | - | 1 | - |
| Oklahoma----- | - | 1 | 1 | 1 | - | - | - | 3 | - | - | - | 1 |
| Texas----- | - | 1 | 4 | 6 | - | 1 | 1 | 3 | 7 | - | 7 | 13 |
| MOUNTAIN ¹ ----- | - | 1 | 2 | 3 | - | - | - | 5 | 1 | - | - | 2 |
| Montana----- | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Idaho----- | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Wyoming----- | - | - | - | - | - | - | - | 1 | - | - | - | - |
| Colorado----- | - | - | - | - | - | - | - | 1 | - | - | - | - |
| New Mexico----- | - | - | 1 | 1 | - | - | - | 1 | 1 | - | - | - |
| Arizona----- | - | - | - | - | - | - | - | 1 | - | - | - | 2 |
| Utah----- | - | - | - | 1 | - | - | - | - | - | - | - | - |
| Nevada----- | - | 1 | 1 | 1 | - | - | - | - | - | - | - | - |
| PACIFIC----- | 2 | - | 8 | 15 | - | 3 | 7 | 9 | 11 | - | - | - |
| Alaska----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Washington----- | - | - | 1 | 2 | - | - | - | - | - | - | - | - |
| Oregon----- | - | - | 2 | 1 | - | - | 3 | - | 3 | - | - | - |
| California----- | 2 | - | 5 | 4 ¹² | - | 3 | 4 | 9 | 8 | - | - | - |
| Hawaii----- | - | - | - | - | - | - | - | - | - | - | - | - |
| Puerto Rico----- | - | - | - | - | - | - | - | - | 2 | - | - | - |

¹Data exclude reports from Georgia and Colorado for the current week.

²Includes 1 case of aseptic meningitis.

³Aseptic meningitis.

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The chart shows the number of deaths reported for 114 major cities of the United States by week for the current year, a 5-week moving average of these figures plotted at the central week and an adjusted average, 1954-58, for comparison. The adjusted average is computed as follows: From the total deaths reported each week for the years 1954-58, 3 central figures are selected by eliminating the highest and lowest figures reported for that week. A 5-week moving average of the arithmetic means of the 3 central figures is then computed. The adjusted average shown in the chart is this moving average increased by 2.3 percent to allow for estimated population growth in the cities.

The use of the adjusted average is based on the assumption that the crude death rate and changes in population will remain at the level of recent years. No allowance has been made for increased use of city hospital facilities.

Table 4 shows the number of death certificates received during the week indicated for deaths that occurred in a specified city. Figures compiled in this way, by week of receipt, usually approximate closely the number of deaths occurring during the week. However, differences are to be expected because of variations in the interval between death and receipt of the certificate and because of incomplete reporting due to holidays or vacations. If a report is not received from a city in time to be included in the total for the current week an estimate is made for use in plotting the figure in the chart.

The number of deaths in cities of the same size may also differ because of variations in the age, race, and sex composition of the populations, and because some cities are hospital centers serving the surrounding areas. Changes from year to year in the number of deaths may be due in part to population increases or decreases.

Table 3. DEATHS IN 114 SELECTED CITIES BY GEOGRAPHIC DIVISIONS

(By place of occurrence, and week of filing certificate. Excludes fetal deaths. Data exclude figures shown in parentheses in table 4)

| AREA | 5th week ended Feb. 7, 1959 | 4th week ended Jan. 31, 1959 | Adjusted average, 5th week 1954-58 | Percent change, adjusted average to current week ¹ | CUMULATIVE NUMBER FIRST 5 WEEKS | | |
|-------------------------------------|-----------------------------|------------------------------|------------------------------------|---|---------------------------------|--------|----------------|
| | | | | | 1959 | 1958 | Percent change |
| TOTAL, REPORTING CITIES----- | ² 11,574 | 11,997 | 11,408 | +1.5 | ² 62,320 | 64,586 | -3.5 |
| New England----- (14 cities) | 721 | 748 | 755 | -4.5 | 3,892 | 3,848 | +1.1 |
| Middle Atlantic----- (20 cities) | 3,442 | 3,382 | 3,384 | +1.7 | 18,030 | 19,123 | -5.7 |
| East North Central----- (19 cities) | ² 2,553 | 2,674 | 2,450 | +4.2 | ² 13,225 | 13,869 | -4.6 |
| West North Central----- (9 cities) | ² 757 | 917 | 805 | -6.0 | ² 4,391 | 4,353 | +0.9 |
| South Atlantic----- (11 cities) | 1,012 | 1,041 | 965 | +4.9 | 5,390 | 5,491 | -1.8 |
| East South Central----- (8 cities) | 502 | 561 | 523 | -4.0 | 2,917 | 3,125 | -6.7 |
| West South Central----- (13 cities) | 936 | 947 | 906 | +3.3 | 5,251 | 5,673 | -7.4 |
| Mountain----- (8 cities) | 300 | 318 | 272 | +10.3 | 1,706 | 1,689 | +1.0 |
| Pacific----- (12 cities) | 1,351 | 1,389 | 1,389 | -2.7 | 7,518 | 7,415 | +1.4 |

¹Adjusted average used as base.

²Includes estimate for missing cities.

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Table 4. DEATHS IN SELECTED CITIES

(By place of occurrence, and week of filing certificate. Excludes fetal deaths)

| AREA | 5th week ended Feb. 7, 1959 | 4th week ended Jan. 31, 1959 | CUMULATIVE NUMBER FIRST 5 WEEKS | | AREA | 5th week ended Feb. 7, 1959 | 4th week ended Jan. 31, 1959 | CUMULATIVE NUMBER FIRST 5 WEEKS | |
|----------------------------|-----------------------------|------------------------------|---------------------------------|-------|---------------------------------|-----------------------------|------------------------------|---------------------------------|-------|
| | | | 1959 | 1958 | | | | 1959 | 1958 |
| NEW ENGLAND: | | | | | WEST NORTH CENTRAL—Con.: | | | | |
| Boston, Mass.----- | 241 | 237 | 1,309 | 1,311 | St. Louis, Mo.----- | 235 | 306 | 1,387 | 1,439 |
| Bridgeport, Conn.----- | 59 | 36 | 219 | 217 | St. Paul, Minn.----- | 45 | 75 | 350 | 398 |
| Cambridge, Mass.----- | 27 | 30 | 158 | 151 | Wichita, Kans.----- | 48 | 45 | 274 | 242 |
| Fall River, Mass.----- | 37 | 39 | 161 | 135 | SOUTH ATLANTIC: | | | | |
| Hartford, Conn.----- | 54 | 53 | 272 | 276 | Atlanta, Ga.----- | 97 | 119 | 609 | 585 |
| Lowell, Mass.----- | 25 | 26 | 124 | 141 | Baltimore, Md.----- | 232 | 226 | 1,285 | 1,421 |
| Lynn, Mass.----- | 22 | 25 | 126 | 115 | Charlotte, N. C.----- | 33 | 39 | 199 | 175 |
| New Bedford, Mass.----- | 26 | 29 | 127 | 159 | Jacksonville, Fla.----- | 71 | 72 | 348 | 397 |
| New Haven, Conn.----- | 23 | 52 | 232 | 244 | Miami, Fla.----- | 79 | 107 | 407 | 409 |
| Providence, R. I.----- | 61 | 76 | 387 | 383 | Norfolk, Va.----- | 50 | 42 | 258 | 183 |
| Somerville, Mass.----- | 17 | 23 | 89 | 74 | Richmond, Va.----- | 73 | 79 | 407 | 410 |
| Springfield, Mass.----- | 42 | 45 | 240 | 219 | Savannah, Ga.----- | 47 | 29 | 206 | 204 |
| Waterbury, Conn.----- | 28 | 21 | 137 | 148 | St. Petersburg, Fla.----- | (63) | (88) | (397) | (401) |
| Worcester, Mass.----- | 59 | 56 | 311 | 275 | Tampa, Fla.----- | 76 | 76 | 387 | 351 |
| MIDDLE ATLANTIC: | | | | | Washington, D. C.----- | 214 | 210 | 1,071 | 1,152 |
| Albany, N. Y.----- | 55 | 48 | 286 | 287 | Washington, Del.----- | 40 | 42 | 213 | 204 |
| Allentown, Pa.----- | 43 | 30 | 187 | 199 | EAST SOUTH CENTRAL: | | | | |
| Buffalo, N. Y.----- | 137 | 165 | 717 | 879 | Birmingham, Ala.----- | 84 | 98 | 495 | 510 |
| Camden, N. J.----- | 33 | 41 | 215 | 242 | Chattanooga, Tenn.----- | 46 | 41 | 251 | 310 |
| Elizabeth, N. J.----- | 29 | 26 | 150 | 188 | Knoxville, Tenn.----- | 38 | 37 | 168 | 154 |
| Erie, Pa.----- | 36 | 33 | 200 | 175 | Louisville, Ky.----- | 98 | 131 | 642 | 666 |
| Jersey City, N. J.----- | 75 | 70 | 456 | 424 | Memphis, Tenn.----- | 98 | 129 | 666 | 651 |
| Newark, N. J.----- | 118 | 104 | 587 | 639 | Mobile, Ala.----- | 40 | 39 | 191 | 257 |
| New York City, N. Y.----- | 1,705 | 1,731 | 9,036 | 9,771 | Montgomery, Ala.----- | 34 | 39 | 168 | 240 |
| Paterson, N. J.----- | 35 | 49 | 225 | 261 | Nashville, Tenn.----- | 64 | 67 | 336 | 337 |
| Philadelphia, Pa.----- | 597 | 512 | 2,937 | 2,978 | WEST SOUTH CENTRAL: | | | | |
| Pittsburgh, Pa.----- | 206 | 224 | 1,105 | 1,181 | Austin, Tex.----- | 30 | 27 | 139 | 191 |
| Reading, Pa.----- | 29 | 30 | 136 | 113 | Baton Rouge, La.----- | 24 | 27 | 180 | 199 |
| Rochester, N. Y.----- | 104 | 96 | 539 | 528 | Corpus Christi, Tex.----- | 12 | 30 | 104 | 130 |
| Schenectady, N. Y.----- | 24 | 25 | 135 | 145 | Dallas, Tex.----- | 129 | 104 | 653 | 625 |
| Scranton, Pa.----- | 45 | 41 | 208 | 161 | El Paso, Tex.----- | 37 | 42 | 197 | 222 |
| Syracuse, N. Y.----- | 71 | 46 | 325 | 340 | Fort Worth, Tex.----- | 66 | 56 | 318 | 365 |
| Trenton, N. J.----- | 37 | 46 | 260 | 283 | Houston, Tex.----- | 128 | 182 | 874 | 956 |
| Utica, N. Y.----- | 29 | 35 | 154 | 160 | Little Rock, Ark.----- | 54 | 44 | 322 | 303 |
| Yonkers, N. Y.----- | 34 | 30 | 172 | 169 | New Orleans, La.----- | 178 | 183 | 920 | 1,096 |
| EAST NORTH CENTRAL: | | | | | Oklahoma City, Okla.----- | 50 | 76 | 380 | 417 |
| Akron, Ohio----- | 57 | 53 | 309 | 302 | San Antonio, Tex.----- | 112 | 74 | 547 | 609 |
| Canton, Ohio----- | 45 | 39 | 182 | 151 | Shreveport, La.----- | 53 | 49 | 326 | 271 |
| Chicago, Ill.----- | 821 | 854 | 4,111 | 4,729 | Tulsa, Okla.----- | 63 | 53 | 291 | 289 |
| Cincinnati, Ohio----- | 191 | 172 | 934 | 917 | MOUNTAIN: | | | | |
| Cleveland, Ohio----- | 215 | 220 | 1,162 | 1,162 | Albuquerque, N. Mex.----- | 25 | 44 | 179 | 133 |
| Columbus, Ohio----- | 104 | 128 | 624 | 650 | Colorado Springs, Colo.----- | 11 | 16 | 84 | 77 |
| Dayton, Ohio----- | 61 | 67 | 337 | 396 | Denver, Colo.----- | 118 | 121 | 619 | 682 |
| Detroit, Mich.----- | 357 | 401 | 1,824 | 1,792 | Ogden, Utah----- | 11 | 11 | 74 | 84 |
| Evansville, Ind.----- | 39 | 31 | 186 | 196 | Phoenix, Ariz.----- | 58 | 48 | 315 | 287 |
| Flint, Mich.----- | 39 | 34 | 206 | 212 | Pueblo, Colo.----- | 13 | 13 | 68 | 68 |
| Fort Wayne, Ind.----- | 35 | 38 | 185 | 205 | Salt Lake City, Utah----- | 39 | 38 | 242 | 242 |
| Gary, Ind.----- | ¹ 28 | 40 | ² 192 | 192 | Tucson, Ariz.----- | 25 | 27 | 125 | 116 |
| Grand Rapids, Mich.----- | 40 | 37 | 214 | 235 | PACIFIC: | | | | |
| Indianapolis, Ind.----- | 150 | 165 | 856 | 649 | Berkeley, Calif.----- | 14 | 19 | 103 | 99 |
| Madison, Wis.----- | (38) | (31) | (140) | (145) | Fresno, Calif.----- | (41) | (48) | (226) | (194) |
| Milwaukee, Wis.----- | 148 | 156 | 777 | 847 | Glendale, Calif.----- | (48) | (41) | (204) | (171) |
| Peoria, Ill.----- | 30 | 32 | 152 | 181 | Long Beach, Calif.----- | 59 | 52 | 305 | 309 |
| Rockford, Ill.----- | (24) | (41) | (162) | (141) | Los Angeles, Calif.----- | 510 | 531 | 2,779 | 2,763 |
| South Bend, Ind.----- | 33 | 29 | 147 | 145 | Oakland, Calif.----- | 94 | 94 | 514 | 530 |
| Toledo, Ohio----- | 106 | 107 | 523 | 626 | Pasadena, Calif.----- | 32 | 31 | 169 | 182 |
| Youngstown, Ohio----- | 54 | 71 | 299 | 282 | Portland, Oreg.----- | 79 | 105 | 610 | 518 |
| WEST NORTH CENTRAL: | | | | | Sacramento, Calif.----- | 52 | 52 | 277 | 266 |
| Des Moines, Iowa----- | 73 | 55 | 304 | 323 | San Diego, Calif.----- | 108 | 72 | 471 | 455 |
| Duluth, Minn.----- | 32 | 27 | 136 | 132 | San Francisco, Calif.----- | 177 | 200 | 1,071 | 1,139 |
| Kansas City, Kans.----- | ¹ 28 | 40 | ² 151 | 154 | San Jose, Calif.----- | (35) | (25) | (152) | (111) |
| Kansas City, Mo.----- | 85 | 154 | 686 | 670 | Seattle, Wash.----- | 133 | 140 | 741 | 708 |
| Lincoln, Nebr.----- | (23) | (36) | (143) | (154) | Spokane, Wash.----- | 51 | 46 | 268 | 250 |
| Minneapolis, Minn.----- | 145 | 114 | 663 | 632 | Tacoma, Wash.----- | 42 | 47 | 210 | 196 |
| Omaha, Nebr.----- | 66 | 101 | 440 | 363 | Honolulu, Hawaii----- | (36) | (28) | (205) | (205) |

¹Estimated.

²Includes estimate for current week.

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EXPLANATION OF SYMBOLS USED IN TABLES

| | |
|---|-----|
| Data not available----- | --- |
| Quantity zero----- | - |
| Percent more than 0 but less than 0.05----- | 0.0 |
| Disease stated not notifiable----- | * |
| Figures within parentheses not included in totals-- | () |

SOURCE AND NATURE OF MORBIDITY DATA

These provisional data are based on reports to the Public Health Service from health departments of each State and of Hawaii and Puerto Rico. They give the total number of cases of certain communicable diseases reported during the week usually ended the preceding Saturday. Cumulative totals are routinely revised to include corrected and revised figures and delayed reports. In table 1, data for Alaska are included for 1959 but not for prior years. In table 2, total figures for the United States and the Pacific Division include figures for Alaska for 1959 only. Cases of anthrax, botulism, and rabies in man are not shown in table 2, but a footnote to table 1 shows the States reporting these diseases. When diseases of rare occurrence (cholera, dengue, plague, louse-borne relapsing fever, smallpox, louse-borne epidemic typhus, and yellow fever) are reported, this will be noted below table 1.

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